



AISIN Fully Synthetic Motor Oil

ADVANCED TECHNOLOGY ENGINE OIL

DESCRIPTION

Formulated from Synthetic Technology base oil, high performance additive systems and leading edge viscosity index improver, meeting the requirement of current advanced Top-tier engine oil grade of API SN and ILSAC GF-5, it is optimized to provide complete engine oil performance especially for fuel efficiency, reducing friction loss and durability.

TYPICAL APPLICATIONS

- All gasoline fueled vehicles
- High performance cars equipped with DOHC, EFI and VVT.
- Four-stroke gasoline engines in motorcycles.
- Sports Vehicles

PERFORMANCE STANDARDS

- API SN / ILSAC GF-5/Resource Conservation (5W-30)
- API SN Recommended (5W-40 & 5W-50)
- Korea Environmental Certification (5W-30)

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended. Aisin, the Aisin logo and related marks are trademarks of Aisin Asia Pte Ltd, used under licence.

CUSTOMER BENEFITS

- Fuel economy**
 The wide temperature range capability of the synthetic technology base fluid ensures correct oil viscosity to reduce friction at start-up, and to provide maximum lubricity during high temperature operation.
- Engine power and maintainability**
 Reduced piston blow-by gas with the oil's cleanliness effect could maintain engine power and maintaining engine cleanliness with its prevention of engine sludge forming will extend engine service life.
- Oil drainage interval**
 Excellent oxidation resistance and low volatility will extend oil drainage interval.
- All-temperature wear resistance**
 Advanced non-conventional base oil formulation, high performance additive systems and leading edge viscosity index improver deliver excellent shear stability and maximum wear protection in high speed, high temperature driving conditions and rapid, highly effective oil film protection and component wear resistance during very low temperature cold starts.

KEY PROPERTIES

| SAE Viscosity | Density (@ 15°C) | Kinematic Viscosity, mm ² /s | | Viscosity Index | Pour Point (°C) | Flash Point (°C) |
|---------------|------------------|---|---------|-----------------|-----------------|------------------|
| | | @ 40°C | @ 100°C | | | |
| 5W-30 | 0.853 | 62.3 | 10.3 | 153 | -34 | 238 |
| 5W-40 | 0.853 | 92.9 | 14.8 | 168 | -33 | 238 |
| 5W-50 | 0.851 | 117.0 | 18.3 | 176 | -38 | 238 |

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended. Aisin, the Aisin logo and related marks are trademarks of Aisin Asia Pte Ltd, used under licence.